



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Stefano Carosio**
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Nationality Italian

Date of birth 04.10.1970

Gender Male

Work experience

Dates	April 1995 – June 1996
Occupation or position held	Lieutenant (Guardiamarina)
Main activities and responsibilities	Mr. Carosio served in the Navy as officer, being in charge of the technical work related to energy and environmental management in the harbour of Savona (Italy). He was part of the Committee responsible for testing coastal fuel tanks.
Name and address of employer	Italian Navy, Ministry of Defence, Rome
Type of business or sector	Governmental Institution
Dates	June 1996 – November 2011
Occupation or position held	Innovation Consulting, Division Manager
Main activities and responsibilities	In 1996, Dr. Carosio joined D'Appolonia. He was originally involved in research projects dealing with multi-functional materials and their application in sectors like construction and mining. In this framework he was responsible for the design of actuating mechanisms including their activation systems. Further projects included surface modification and nano-structured film deposition in ultra high vacuum using Physical Vapour Deposition techniques derived from aerospace research. He also developed a significant experience in process control and flexible and intelligent manufacturing, being involved in the project group dealing with machine vision and automation. A good knowledge of environmental and quality management completes his technical background.

Because of the cross-sectoral and interdisciplinary experience he developed, Stefano Carosio was involved as Italian Responsible of the ESA's (European Space Agency) Technology Transfer Network, dealing with identification of industrial needs, technology assessment and commercialisation. In this framework his speciality is to support Small and Medium sized Enterprises (SMEs) in the product development cycle by identifying suitable technologies which provide both incremental improvements and breakthrough solutions to innovate products, processes and services. Communication of technology cases to the general public through web stories as well as mass-media completes his experience.

In 2005 Dr Carosio has been appointed Head of the Innovation Consulting Division, reporting directly to the Managing Director in terms of R&D strategies and implementation of the company innovation programmes. In this role he had the opportunity to enlarge his knowledge in all key technological areas and application sectors the company has activities in. These include construction and urban planning, energy efficiency-generation-storage, transportation, environmental engineering, to name a few. Furthermore, he developed methodologies and tools for technology intelligence and foresight, including road-mapping and consensus building among stakeholders.

Since 2008 Dr Carosio is acting as coordinator of the activities of the Energy Efficient Buildings Association, founded by D'Appolonia and other 8 large players in construction and energy, today grouping over 160 members. In this framework he has been nominated as Coordinator of the Ad-hoc Industrial Advisory Group (AIAG) within the framework of the Energy-efficient Buildings Public Private Partnership (EeB PPP), responsible for the definition of a multi-annual Roadmap and identification of research priorities. In this framework, in 2009 he has contributed to the work of the JTI Sherpa Group for the preparation of the report "Designing together the 'ideal house' for public-private partnerships in European research", jointly with the 5 running JTIs and 2 other PPPs running under the EU Recovery Plan. Dr Carosio is frequently attending as speaker or rapporteur to conferences and workshops in the area of energy efficiency in buildings organised at EU level.

Name and address of employer D'Appolonia S.p.A., Via San Nazaro 19, 16145, Genova, Italy
 Type of business or sector Large Industry

Dates December 2011 – today

Occupation or position held Innovation Business Line Manager

Main activities and responsibilities Dr Carosio has been appointed Responsible of the Innovation Business line with a twofold objective: 1) to foster an open and collaborative innovation model which creates, delivers, and captures value across the whole business areas and global network of 140 offices in 49 countries in the world, leveraging on an international pool of experts and knowledge centers; 2) to deliver innovation consulting services to large and small industrial companies, industrial associations and groupings, investors as well as governmental institutions and development agencies. He has taken responsibility for development of corporate research and innovation strategy, including assessing trends in technology and client business needs, managing the company's internal R&D program, and adding capability through academic links, joint ventures and strategic alliances.

Since 2012 Dr Carosio is member of the Smart Cities Stakeholder Platform within the Smart Cities European Innovation Partnership. Since early 2013 Dr Carosio is member of the Operational Group of the "Raw materials" European Innovation partnership, in charge of International Cooperation and cross-cutting issues. He is currently leading a consortium of RTOs within a Study awarded by the European Commission, DG Enterprise, to define priorities for research and innovation activities in the area of cross-KETs within Horizon 2020.

Name and address of employer D'Appolonia SpA - RINA Group, Via San Nazaro 19, 16145, Genova, Italy
 Type of business or sector Large Industry

Education and training

Dates October 1989 – December 2004

Title of qualification awarded Engineering degree

Principal subjects/occupational skills covered Chemical Engineering

Name and type of organisation providing education and training University of Genoa, Italy

Dates May 2012

Title of qualification awarded Honorary Doctorate

Principal subjects/occupational skills covered Innovation Management

Name and type of organisation providing education and training National Taiwan University of Science and Technology, Taiwan

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

(*) [Common European Framework of Reference for Languages](#)

Job related skills

Stefano Carosio has 18 years' experience in research, development, and the management of technology and innovation. Dr. Carosio's core interests are in technology strategy; the management and commercial exploitation of R&D; and the organisational and cultural issues involved in technology transfer and in stimulating innovation. He has worked in these areas for leading corporations in many industries – including construction and energy – and for national and regional governments, universities and other public sector bodies. In this framework Stefano Carosio promotes the creation of new enterprises, facilitates technology transfer, helps start-up enterprises to have access to finance and form a critical mass in order to gain visibility as regards to large capital risk actors and European institutions, as well as advises them on IPR, sourcing, and marketing.

Organisational skills and competences

- Pioneered innovation management practices in the company, fostering novel cross-cutting developments across the other Divisions and delivering also innovation and new product development consulting to clients
- Experience in linking up research and innovation strategies with the company yearly training plan
- Experience in creating value for scientific results and high-tech ventures, bridging the gap between the lab or the demo scale and the market as well as interfacing the different stakeholders along the innovation chain
- Hands-on, results orientated, proactive team leader
- Worked across all departments to resolve issues and identify practical solutions
- Initiated and managed strategic change through to successful implementation
- Effective communication skills at all levels both internally and externally
- Project management skills to deliver and commission projects on time & on budget

Additional Information

- Member of the Board, D'Appolonia Belgium N.V.
- Chartered Professional Engineer, "Ordine degli Ingegneri di Genova" (Italy)
- European Space Agency, Technology Transfer Network, Coordinator for Italian operations
- European Association of Research and Technology Organisations (EARTO), Board Member
- European Industrial Research Management Association (EIRMA), Member
- Invited member of the Strategic Advisory Board of the National Taiwan University of Science and Technology
- Energy Efficiency Buildings Association, Executive Board member, co-chairman "Ad-hoc Industrial Advisory Group" appointed by the European Commission
- European Construction Technology Platform, High Level Group member

Genova, 7th January 2014

Signature: 